Minor in Applied Computer Science and Information Systems

This minor provides students in other fields of study with a solid foundation in computer programming and information systems applications. The minor is designed to assist students in gaining employment and coping with the rapid changes in technology that are affecting and will continue to affect their personal and professional lives.

Requirements (9 s.h.)

COMP160   Programming I   3 s.h.
    (Prerequisite: MATH112 or appropriate Math Placement)
COMP200   Fundamentals of Networking   3 s.h.
    (Prerequisite: COMP150)
COMP255   Database Design   3 s.h.
    (Prerequisite: COMP160 or COMP250)

Minor Electives (Select 4 courses/12 s.h.)
Select from the list below or select any COMP 300 or 400 level course

Acceptable Minor Electives numbered below 300:
COMP161   Programming II   3 s.h.
    (Prerequisite: COMP161
COMP202   Introduction to Systems Administration   3 s.h.
    (Prerequisite: COMP160)
COMP205   Web-Based Application Development   3 s.h.
    (Prerequisite: COMP160)
COMP225   Mobile App Development   3 s.h.
    (Prerequisite: COMP161)
COMP230   Discrete Structures and Formal Languages   3 s.h.
    (Prerequisite: COMP160 and MATH107)
COMP240   Game Programming   3 s.h.
    (Prerequisite: COMP161)
COMP260   Information Technology Project Management   3 s.h.
    (Prerequisite: COMP160 or COMP255)
Total required semester hours: 21 s.h.

Suggested Electives for Students interested in Software Application Development:
COMP161, COMP205, COMP225 or COMP240, COMP300 (Prerequisite: COMP161)

Suggested Electives for Students interested in Database Systems:
COMP205, COMP305 (Prerequisite: COMP255), COMP325 (Prerequisite: COMP255)

Suggested Electives for Students interested in Networking:
COMP304 (Prerequisite: COMP200), COMP407 (Prerequisite: COMP200), COMP412 (Prerequisite: COMP200),